Department of the Navy

TacAir Integration

TacAir Integration – How did we get here?

Issue 1: Requirement to Transform

- **Answer DPG Tasking**
  - ✓ conduct a comprehensive review to assess the feasibility of integrating all Naval aviation force structure.
  - ✓ **"**The integration of aviation capabilities should seek both effectiveness and efficiencies."
- **Services Chiefs Expanded Scope of tasking**
  - ✓ " … determine whether efficiencies gained could be translated into a reduction in projected APN-1 (Combat Aircraft) expenditures."

Achieve an Affordable Strike Fighter Solution

Issue 2: Fiscal Constraints

- POR = Untenable from a fiscal perspective.
- Goal: Maximize the utility of a strike fighter force that is significantly resource constrained as it modernizes and recapitalizes

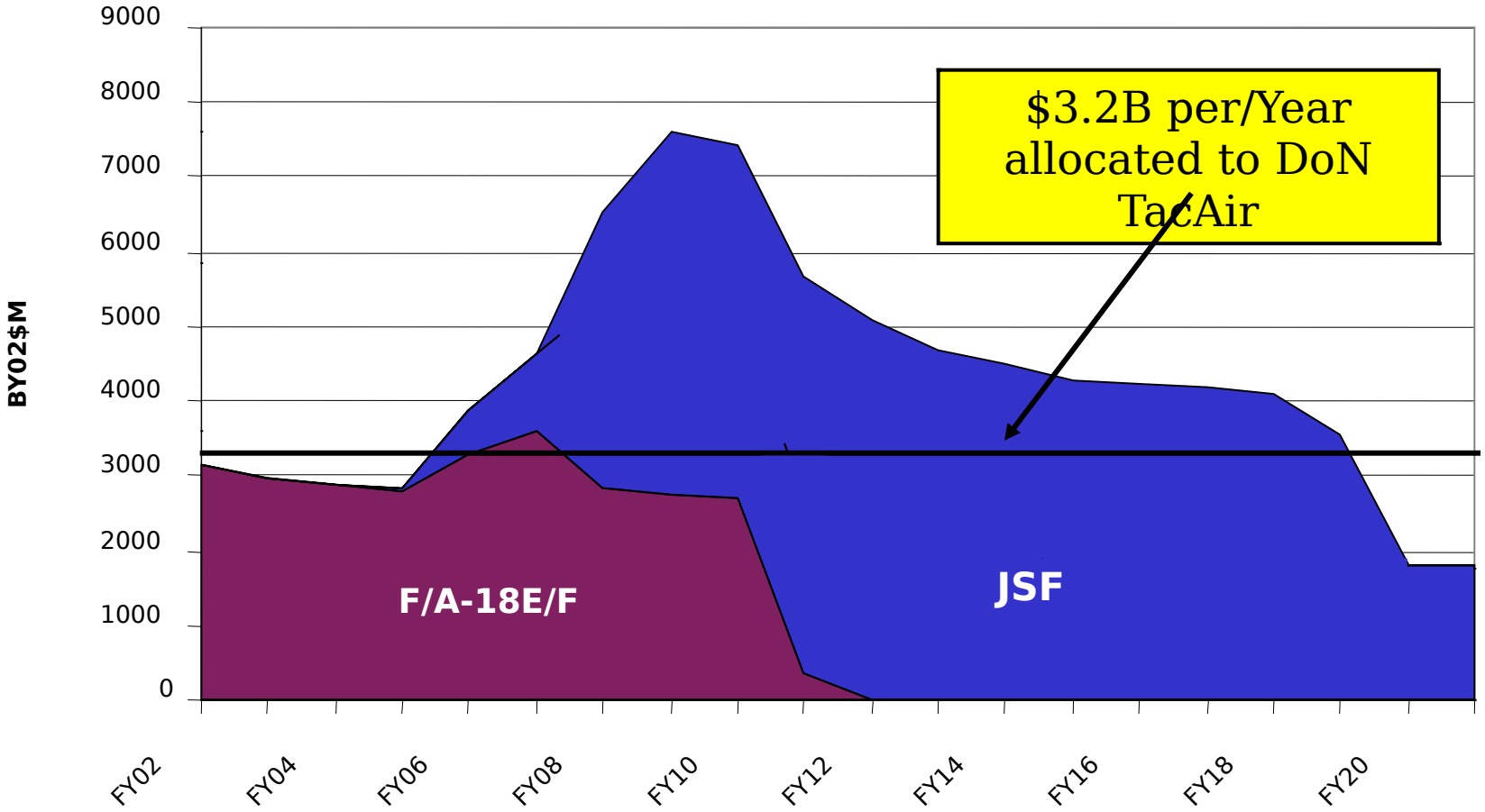
F/A-18 E/F

JSF

Continue to meet the DoN's warfighting requirements

The Financial Challenge

Program of Record FY02 – FY21



Funding and aircraft from FY02-FY21

POR Strike Fighter Procurement

Today's Strike Fighter

USN: 36 Squadrons

- **F/A-18**
  - **24 Squadrons**
  - **12 acft Per Squadron**
- **F/A-14**
  - **12 Squadrons**
  - **10 acft Per Squadron**

USMC: 21 Squadrons

- **F/A-18**
  - **4 Squadrons**
  - **12 acft Per Squadron**
  - **Support USN CVW**
- **F/A-18**
  - **10 Squadrons**
  - **12 acft Per Squadron**
  - **Support Expeditionary**
- **AV-8B**
  - **7 Squadrons**
  - **16 acft Per Squadron**
  - **Support L-Class Ship**

POR Strike Fighter

USN: 40 Squadrons

- **F/A-18/F**
  - **20 Squadrons**
  - **12 acft Per Squadron**
- **CV JSF**
  - **20 Squadrons**
  - **12 acft Per Squadron**

USMC: 21 Squadrons

- **STOVL JSF**
  - **14 Squadrons**
  - **12 acft Per Squadron**
  - **Support Expeditonary**
- **STOVL JSF**
  - **7 Squadrons**
  - **20 acft Per Squadron**
  - **Support L-Class Ships**

POR Reflected: Greater than One-For-One Replacement & USN procurement replacing 4 USMC Squadrons on CVW, while USMC CVW Squadrons move back to MAG

POR is ~15% Increase in PMAA over Today's Force

The Call to Transform

“Our security will require transforming the military … (to) be ready to strike at a moment’s notice in any dark corner of the world.”

George W. Bush, 1 June 2002

Transformation Challenges…

- ✓ New Cultural Mindset
- ✓ New Operational Concepts
- ✓ New Organizational Concepts

All Within Financial Constraints

TacAir Integration

Transforming the Force

- ✓ **Cultural**
- ✓ Operational
- ✓ Organizational

Final TAI Plan and Status

Cultural Challenge

- **Navy and Marine Corps historically integrated**
  - Acquisition of aircraft, logistical support and spares
  - Depot Level Maintenance
  - Undergraduate NA/NFO training
  - FRS training and manning
  - Tech training of maintenance and supply personnel
  - Medical/Dental/Chaplain services
  - Ordnance procurement
  - Annual budgetary submissions

Cultural Perspective of TacAir Capabilities

- **USN:**
  - **Primary Mission: Long Range Striking Power from CVBG**
  - **Primary Customer: Combatant Commander**
- **USMC:**
  - **Primary Mission: Direct support to MAGTF**
  - **Primary Customer: MAGTF Commander**

- **Commitment to new operational concept requires institutional changes:**
  - **Doctrinally tie USN & USMC forces**
  - **USN support to MAGTF training and Oplans**
  - **Requires "Level Strike Fighter Readiness" across DoN**

TacAir Integration

Transforming the Force

- ✓ **Cultural**
- ✓ **Operational**
- ✓ Organizational

Final TAI Plan and Status

Future Operational Concept

- **Key to overcoming cultural roadblocks.**
- **Must provide the framework for a new *Expeditionary Strike Force* concept:**
  - ✓ Exploit Complementary Capabilities of Carrier Strike Group and Expeditionary Strike Group.
  - ✓ Merge Deep Strike and Expeditionary Maneuver Warfare power projection capabilities of both services.
  - ✓ Maximizing the benefits of Sea Basing – maximizes the flow of combat power ashore.

Provide Nation with a unique capabilities based force that is Naval in character.

TacAir Integration

Transforming the Force

- ✓ Cultural
- ✓ Operational
- ✓ **Organizational**

Final TAI Plan and Status

TacAir Integration Goals

- Provide a smaller, more capable force that supports deployed and surge operations.
- Strengthen the power of USN/USMC teamwork through new employment concepts.
- Increase combat capability by capitalizing on new technology.
- Achieve an affordable DoN Strike Fighter program

Neckdown Strategy Supports Integration Concept

F/A-18

F-14

S-3

AV-8

Smaller, ***More Capable*** Force

F/A-18 E/F - 460

JSF - 680

Capabilities

- ***Precision Strike***
- ***Stealth***
- ***Anti-Air Warfare***
- ***Electronic Attack***
- ***Suppression & Destruction of Enemy Air Defenses***
- ***Close Air Support***
- ***ISR***
- ***Air Refueling***
- ***Reliability***
- ***Maintainability***
- ***Survivability***

F/A-18E/F & JSF More Capable: Range, Payload, Bring-Back, State of the Art Sensors

An Affordable Strike Fighter Solution

Transformed

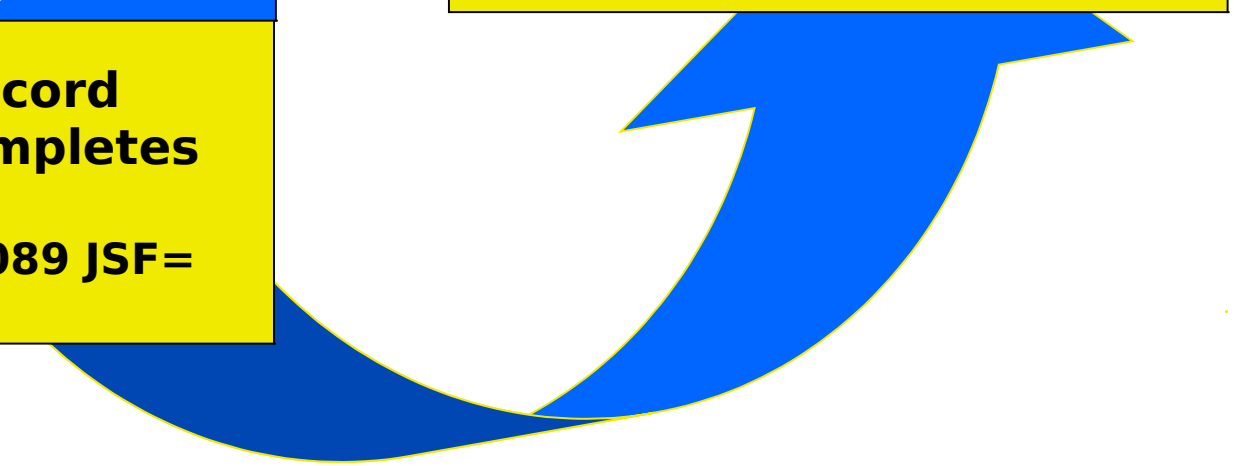
59 Squadrons
10 USMC CVW Squadrons
3 USN Expeditionary Squadrons

Procurement Completes FY21
460 F/A-18E/F + 680 JSF= 1140

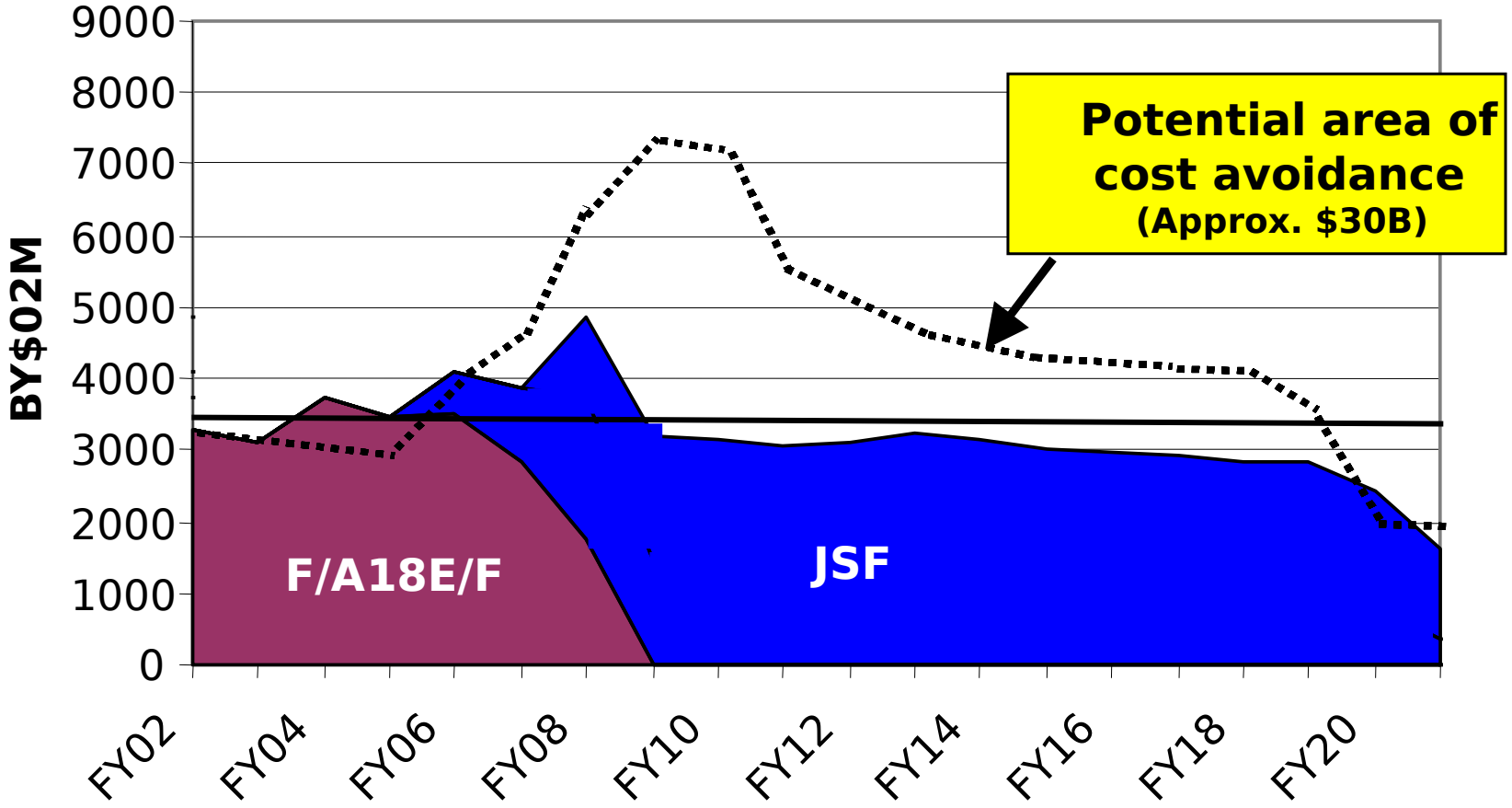
Today

64 Squadrons
4 USMC CVW Squadrons
0 USN Expeditionary Squadrons

Program of Record Procurement Completes FY26
548 F/A-18E/F + 1089 JSF= 1637



Proposed Total Buy of 460 F/A-18E/F & 680 JSF



Reinvesting the Savings:

- Fully fund
  - **Readiness accounts**
    - **AVDLR**
    - **Flying Hour Program**
    - **Ancillary and Support Equipment**
  - **Depot Maintenance**
  - **Modernization (retrofit of warfighting capabilities)**
    - **MIDS**
    - **ATFLIR**
    - **JHMCS**
    - **Lightning II**
    - **ECP-583**
- Procurement of high fidelity Simulators
- Manpower end strength and funding will need adjustment to support integration timeline

TacAir Integration

Transforming the Force

- ✓ Cultural
- ✓ Operational
- ✓ Organizational

Final TAI Plan and Status

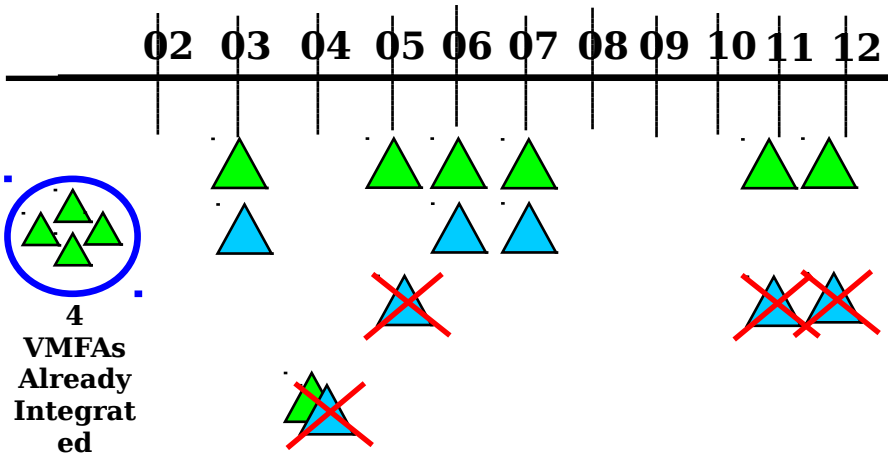
Final TAI Plan

- **4 additional Marine VMFA squadrons will *deploy* with CVWs in 04, 06, 07, 08.**
- **3 USN VFA squadrons will enter Marine UDP rotation starting in 2004.**
- **1 Active USN VFA will be deactivated in 2005. 1 USN Reserve VFA and 1 USMC Reserve VMFA will deactivate in 2004.**

Final TAI Plan

- **PAA reductions will be limited to CV embarked F/A-18s. All CVW F/A-18Cs, except those slated for F/A-18E transition, will be reduced to a PAA of 10 in 2004.**
- **USN/USMC Reserve F/A-18 squadrons will decrease PAA to 10 in 2006.**
- **USMC F/A-18D and AV-8B structure and operational commitments are <u>unaffected</u> by the current MOA; however,**
  - **Remaining Integration timeline (2 VMFA squadrons) and AV-8B PAA will be reviewed in PR-05.**

Integration Plan:
FY03-12



4 VMFAs integrated into CVW in the FYDP, 2 Outside

3 VFAs integrated into UDP in the FYDP

Decommission 1 VFAs in the FYDP, 2 outside

Decom of 1 Reserve VFA and 1 Reserve VMFA in FY04

Revisit AV-8B PAA and Integration Outside the FYDP in PR-05

MOU/MOA Specifics

- **Both Navy or Marine Corps Squadrons will be utilized to satisfy DoN commitments.**
- **The DoN will out-chop integrated squadrons, if needed, to meet contingency or OPLAN requirements.**
- **Navy and Marine squadrons will be available for all required Carrier Air Wing and MAGTF training.**

MOU/MOA Specifics

- **Readiness, aircraft modifications, depot and spares funding will be adjusted to facilitate integration and mitigate risk.**
- **End strength and Manpower funding will be adjusted to support integration.**
- **USN and USMC will apply the appropriate level of officer exchanges (HQ, CVW and MAG) to ensure “single department” positions are developed.**

TacAir Integration Status

- **MOU and MOA Signed**
- **TacAir Integration Charter in Draft**
- **Outstanding Issues:**
  - JSF Mix.
  - Readiness Funding (out years).
  - Completion Date for Integration (last two squadrons).
  - AV-8B PAA.

Questions?

"In this manner, Naval forces from the sea base will provide the Nation with a uniquely powerful capability to affect the positive outcome of our Nation's battles at sea, in the air and on land" .

CMC, from the TacAir MOU